

Appendix table 1-12

Certification of public middle and high school mathematics and science teachers, by minority enrollment, school poverty level, and type of certification: Academic years 2003–04 and 2007–08

(Percent distribution)

Teaching field/school characteristic	Academic year 2003–04						Academic year 2007–08				
	Regular/advanced	Probationary	Provisionary/alternative	Temporary	Emergency	None	Regular/advanced	Probationary	Temporary	Emergency	None
Mathematics	85.1	3.8	6.7	2.4	0.6	1.3	87.0	4.9	4.4	2.9	1.0
Minority enrollment (%)											
0–5	87.3	2.8	6.5	0.9	0.8	1.6	92.3	3.0	2.7	1.7	0.2
>5–45	88.3	3.2	5.1	2.2	0.2	1.1	88.8	5.2	4.0	1.6	0.5
>45	80.9	5.0	8.6	3.1	1.0	1.4	83.9	5.0	5.2	4.3	1.6
School poverty level (%) ^a											
0–10	85.4	5.7	5.7	2.1	0.2	0.9	86.7	4.2	7.0	1.3	0.9
>10–50	87.1	3.1	5.4	2.6	0.7	1.1	88.4	4.6	4.1	2.3	0.6
>50	80.9	4.0	10.9	2.1	0.7	1.4	84.3	5.6	3.8	4.8	1.6
Science	82.8	5.1	6.2	3.6	1.0	1.3	87.3	3.5	4.8	3.3	1.1
Minority enrollment (%)											
0–5	85.6	5.0	6.1	1.9	0.3	1.1	92.5	2.8	3.4	0.4	0.9
>5–45	85.5	4.1	4.6	4.5	0.5	0.8	89.9	3.1	4.3	2.2	0.5
>45	78.5	6.3	8.3	3.2	1.8	1.9	82.8	4.2	5.7	5.3	1.9
School poverty level (%) ^a											
0–10	86.6	5.6	5.4	1.2	0.8	0.5	89.1	3.0	5.6	2.0	0.3
>10–50	82.9	5.5	4.9	4.7	0.8	1.3	89.7	2.9	3.9	2.9	0.7
>50	79.9	3.6	10.1	3.0	1.6	1.7	81.1	5.0	6.2	5.1	2.6
Other ^b	86.6	3.6	4.8	2.5	0.8	1.7	88.1	4.0	4.2	2.4	1.4
Minority enrollment (%)											
0–5	88.1	3.5	4.7	2.0	0.4	1.3	89.8	4.0	3.2	2.4	0.6
>5–45	88.3	4.0	3.9	2.0	0.6	1.2	89.5	3.7	3.6	2.1	1.1
>45	83.9	3.0	5.9	3.4	1.3	2.5	86.0	4.2	5.2	2.8	1.9
School poverty level (%) ^a											
0–10	88.0	4.7	4.6	1.5	0.5	0.8	89.5	4.4	3.4	1.7	1.1
>10–50	87.8	3.3	4.1	2.2	0.7	1.9	88.7	4.1	4.0	2.2	1.0
>50	83.2	3.4	6.5	3.9	1.2	1.8	86.2	3.5	5.1	3.0	2.2

^aSchool poverty level is percentage of students in school qualifying for free/reduced-price lunch.^bOther teachers include those who teach any subject other than mathematics or science.

NOTES: In academic year 2007–08, there was no "provisionary or alternative certification" category. Percentages may not add to 100 because of rounding.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, special tabulations (2011) of 2003–04 and 2007–08 Schools and Staffing Survey, National Center for Education Statistics.